

Listing of Claims:

1. (Previously Presented) A method of controlling power with which information is transmitted by a first station to a plurality of second stations on a common channel, different information being intended for different stations, said method comprising the step of transmitting said information in said common channel, wherein said information intended for different second stations are transmitted at different power levels.
2. (Previously Presented) A method as claimed in claim 1, wherein the power level with which information is transmitted is selected in dependence on at least one of a parameter of the intended second station and the content of the information.
3. (Original) A method as claimed in claim 1, wherein the power level with which information is transmitted is selected in dependence on a parameter of the intended second station and/ or the content of the information.
4. (Previously Presented) A method as claimed in claim 1, wherein said information is in the form of data packets.
5. (Previously Presented) A method as claimed in claim 1, wherein said information for a given second station includes information identifying the given station.
6. (Previously Presented) A method as claimed in claim 1, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.
7. (Previously Presented) A method as claimed in claim 1, wherein said first station receives information from a controller on the power with which information for a respective second station is to be transmitted.

8. (Previously Presented) A method as claimed in claim 6, wherein the controller is arranged to send a channel configuration message to the first station to control which of said first and second modes is be used.

10. (Previously Presented) A method as claimed in claim 7, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

11. (Previously Presented) A method as claimed in claim 7, wherein values representing the power levels are sent to the first station by said controller, said values being mapped to the power levels which are used by said first station to transmit information to said second station.

12. (Previously Presented) A method as claimed in claim 7, wherein said controller is a radio network controller.

13. (Previously Presented) A method as claimed in claim 1, wherein said first station is a base station.

14. (Previously Presented) A method as claimed in claim 1, wherein said second stations comprise mobile stations.

15. (Previously Presented) A method as claimed in claim 1, wherein said common channel is a forward access

16. (Currently Amended) A method of controlling power with which information is transmitted by a first station to a plurality of second stations on a common channel, different information being intended for different stations, said method comprising a first mode in which

the information is transmitted with a ~~the~~ same power and a second mode in which different powers are used for information intended for different second stations.

17. (Currently Amended) A network comprising a first station and a plurality of second stations, said first station being arranged to transmit different information intended for different second stations on a common channel, said first station ~~have~~ having a mode of operation in which said first station is arranged to transmit information intended for different second stations on the common channel at different power levels.

18. (Original) A network as claimed in claim 17 comprising a controller which is arranged to supply information as to the power to be used for said information to said first station.

19. (Previously Presented) A network as claimed in claim 17, wherein said power level is selected in dependence on at least one of a parameter of the intended second station and the content of the information.

20. (Previously Presented) A network as claimed in claim 17, wherein said controller is a radio network controller, said first station is a base station and said second stations are user terminals.

21. (Previously Presented) A network as claimed in claim 17, wherein information sent from said controller to the base station comprises said power information and said information for a second station.

22. (Previously Presented) A network as claimed in claim 17, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

24. (Previously Presented) A network as claimed in claim 22, wherein said first station is arranged to send a message to said controller advising the controller if it can perform the mode contained in the channel configuration message.

25. (Previously Presented) A network as claimed in claim 17, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

26. (Previously Presented) A method as claimed in claim 2, wherein said information is in the form of data packets.

27. (Previously Presented) A method as claimed in claim 3, wherein said information is in the form of data packets.

28. (Previously Presented) A method as claimed in claim 2, wherein said information for a given second station includes information identifying the given station.

29. (Previously Presented) A method as claimed in claim 3, wherein said information for a given second station includes information identifying the given station.

30. (Previously Presented) A method as claimed in claim 4, wherein said information for a given second station includes information identifying the given station.

31. (Previously Presented) A method as claimed in claim 2, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

32. (Previously Presented) A method as claimed in claim 3, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

33. (Previously Presented) A method as claimed in claim 4, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

34. (Previously Presented) A method as claimed in claim 5, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

35. (Previously Presented) A method as claimed in claim 2, wherein said first station receives information from a controller on the power with which information for a respective second station is to be transmitted.

36. (Previously Presented) A method as claimed in claim 3, wherein said first station receives information from a controller on the power with which information for a respective second station is to be transmitted.

37. (Previously Presented) A method as claimed in claim 4, wherein said first station receives information from a controller on the power with which information for a respective second station is to be transmitted.

38. (Previously Presented) A method as claimed in claim 5, wherein said first station receives information from a controller on the power with which information for a respective second station is to be transmitted.

39. (Previously Presented) A method as claimed in claim 6, wherein said first station receives information from a controller on the power with which information for a respective second station is to be transmitted.

40. (Previously Presented) A method as claimed in claim 7, wherein the controller is arranged to send a channel configuration message to the first station to control which of said first and second modes is be used.

41. (Previously Presented) A method as claimed in claim 8, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

42. (Previously Presented) A method as claimed in claim 9, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

43. (Previously Presented) A method as claimed in claim 8, wherein values representing the power levels are sent to the first station by said controller, said values being mapped to the power levels which are used by said first station to transmit information to said second station.

44. (Previously Presented) A method as claimed in claim 9, wherein values representing the power levels are sent to the first station by said controller, said values being mapped to the power levels which are used by said first station to transmit information to said second station.

45. (Previously Presented) A method as claimed in claim 10, wherein values representing the power levels are sent to the first station by said controller, said values being mapped to the power levels which are used by said first station to transmit information to said second station.

46. (Previously Presented) A method as claimed in claim 8, wherein said controller is a radio network controller.

47. (Previously Presented) A method as claimed in claim 9, wherein said controller is a radio network controller.

48. (Previously Presented) A method as claimed in claim 10, wherein said controller is a radio network controller.

49. (Previously Presented) A method as claimed in claim 11, wherein said controller is a radio network controller.

50. (Previously Presented) A method as claimed in claim 2, wherein said first station is a base station.

51. (Previously Presented) A method as claimed in claim 3, wherein said first station is a base station.

52. (Previously Presented) A method as claimed in claim 4, wherein said first station is a base station.

53. (Previously Presented) A method as claimed in claim 5, wherein said first station is a base station.

54. (Previously Presented) A method as claimed in claim 6, wherein said first station is a base station.

55. (Previously Presented) A method as claimed in claim 7, wherein said first station is a base station.

56. (Previously Presented) A method as claimed in claim 2, wherein said second stations comprise mobile stations.

57. (Previously Presented) A method as claimed in claim 3, wherein said second stations comprise mobile station.

58. (Previously Presented) A method as claimed in claim 4, wherein said second stations comprise mobile stations.

59. (Previously Presented) A method as claimed in claim 5, wherein said second stations comprise mobile stations.

60. (Previously Presented) A method as claimed in claim 6, wherein said second stations comprise mobile stations.

61. (Previously Presented) A method as claimed in claim 7, wherein said second stations comprise mobile stations.

62. (Previously Presented) A method as claimed in claim 13, wherein said second stations comprise mobile stations.

63. (Previously Presented) A method as claimed in claim 13, wherein said common channel is a forward channel.

64. (Previously Presented) A method as claimed in Claim 3, wherein said common channel is a forward access channel.

65. (Previously Presented) A method as claimed in claim 4, wherein said common channel is a forward access channel.

66. (Previously Presented) A method as claimed in claim 5, wherein said common channel is a forward access channel.

67. (Previously Presented) A method as claimed in claim 6, wherein said common channel is a forward access channel.

68. (Previously Presented) A method as claimed in claim 7, wherein said common channel is a forward access channel.

69. (Previously Presented) A method as claimed in claim 13, wherein said common channel is a forward access channel.

70. (Previously Presented) A method as claimed in claim 14, wherein said common channel is a forward access channel.

71. (Previously Presented) A network as claimed in claim 18, wherein said power level is selected in dependence on at least one of a parameter of the intended second station and the content of the information.

72. (Previously Presented) A network as claimed in claim 18, wherein said controller is a radio network controller, said first station is a base station and said second stations are user terminals.

73. (Previously Presented) A network as claimed in claim 19, wherein said controller is a radio network controller, said first station is a base station and said second stations are user terminals.

74. (Previously Presented) A network as claimed in claim 18, wherein information sent from said controller to the base station comprises said power information and said information for a second station.

75. (Previously Presented) A network as claimed in claim 19, wherein information sent from said controller to the base station comprises said power information and said information for a second station.

76. (Previously Presented) A network as claimed in claim 20, wherein information sent from said controller to the base station comprises said power information and said information for a second station.

77. (Previously Presented) A network as claimed in claim 18, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

78. (Previously Presented) A network as claimed in claim 19, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

79. (Previously Presented) A network as claimed in claim 20, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

80. (Previously Presented) A network as claimed in claim 21, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

81. (Previously Presented) A network as claimed in claim 23, wherein said first station is arranged to send a message to said controller advising the controller if it can perform the mode contained in the channel configuration message.

82. (Previously Presented) A network as claimed in claim 18, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

83. (Previously Presented) A network as claimed in claim 19, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

84. (Previously Presented) A network as claimed in claim 20, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

85. (Previously Presented) A network as claimed in claim 21, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

86. (Previously Presented) A network as claimed in claim 22, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

87. (Previously Presented) A network as claimed in claim 23, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

88. (Previously Presented) A network as claimed in claim 24, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

89. (New) A radio network controller for controlling power with which information is transmitted by a base station to a plurality of user terminals on a common channel, different parts of said information being intended for different user terminals, said controller being arranged to control the power levels of said different parts of said information intended for different user terminals.

90. (New) A base station for transmitting information to a plurality of user terminals on a common channel, different parts of said information being intended for different user terminals, said base station being arranged to transmit said different parts of said information in said common channel, wherein said different parts of said information intended for different user terminals are transmitted at different power levels.

91. (New) A user terminal for receiving information transmitted on a common channel, different parts of said information being intended for different user terminals, said different parts of said information on the common channel being at different power levels.